

5/8" BUTTON HEAD BOLT	
L	THREAD LENGTH
1 1/4"	1 3/16"
2"	1 3/4"
10"	4"
1'-6"	4"
1'-8"	4"

GUARD RAIL SPLICE, POST BOLT AND RECESS NUT

NOTES:

INTENDED USE FOR 5/8" DIA. BUTTON HEAD BOLTS:

(1 1/4" LENGTH): THIS BOLT IS USED TO SPLICE RAIL ELEMENTS USED IN THE STANDARD CORRUGATED SHEET STEEL BEAM GUARD RAIL.

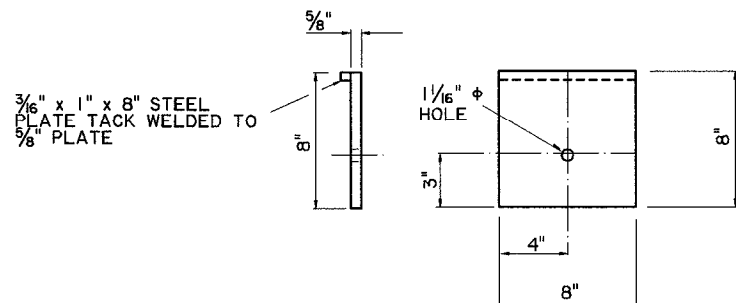
(2" LENGTH): THIS BOLT IS FOR FASTENING RAILS TO STEEL POSTS WHEN USED IN THE STANDARD CORRUGATED SHEET STEEL BEAM GUARD RAIL.

(10" LENGTH): THIS BOLT IS FOR FASTENING RAILS TO WOOD POSTS IN THE STANDARD CORRUGATED SHEET STEEL BEAM GUARD RAIL.

(1'-6" LENGTH): THIS BOLT IS FOR FASTENING RAILS TO WOOD BLOCKS & POSTS IN THE STANDARD CORRUGATED SHEET STEEL BEAM.

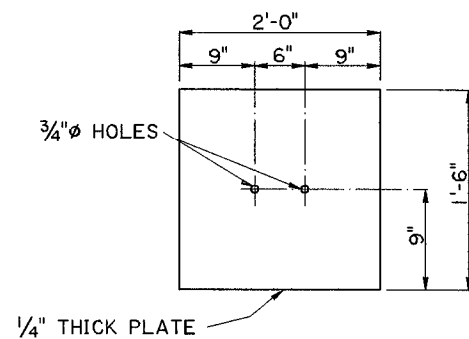
(1'-8" LENGTH): THIS BOLT IS FOR FASTENING NESTED THRIE BEAM TO WOOD BLOCKS AND POSTS AT THE FIRST TWO POST LOCATIONS AT THE ENDS OF A RIGID (CONCRETE) STRUCTURE, UNLESS OTHERWISE SHOWN IN THE PLANS.

5/8" ϕ BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 307 AND NUTS TO THE REQUIREMENTS OF ASTM A 563 GRADE A OR BETTER. BOLTS AND NUTS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153. ALL STEEL POSTS AND PLATES SHALL CONFORM TO ASTM A 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. NO PUNCHING, DRILLING OR CUTTING WILL BE PERMITTED AFTER GALVANIZING.



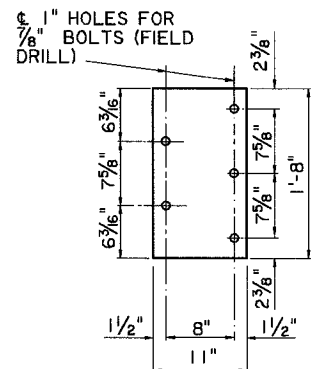
GALVANIZED STEEL BEARING PLATE

(FOR TRAILING END, SPECIAL ANCHOR SECTION OR BCT)



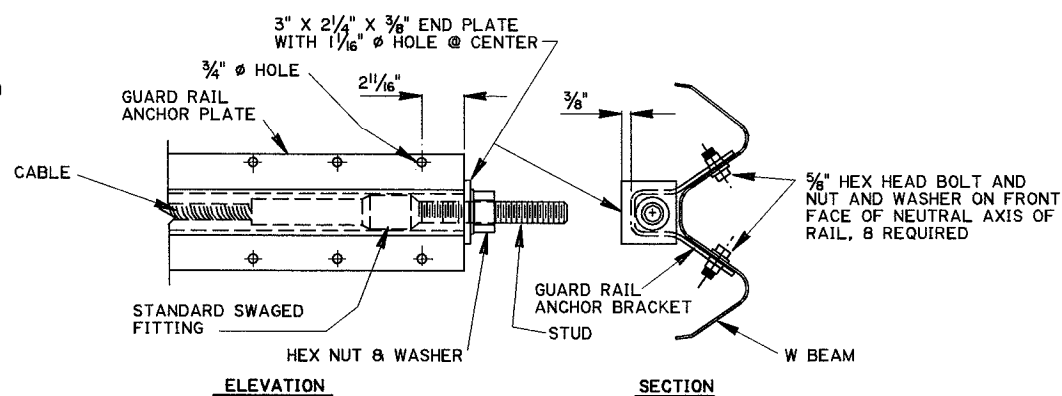
GALVANIZED SOIL PLATE

(FOR TRAILING END, SPECIAL ANCHOR SECTION OR BCT)



5/8" BEARING PLATE

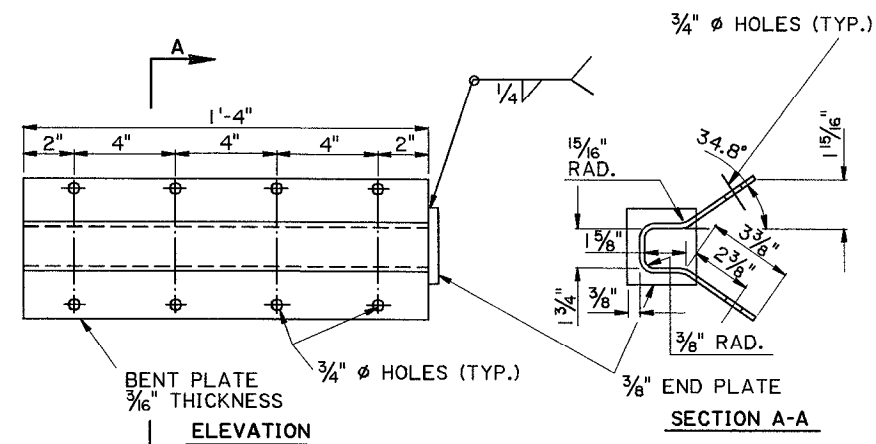
(FOR ANCHORING THRIE BEAM TO CONCRETE BARRIER RAIL)



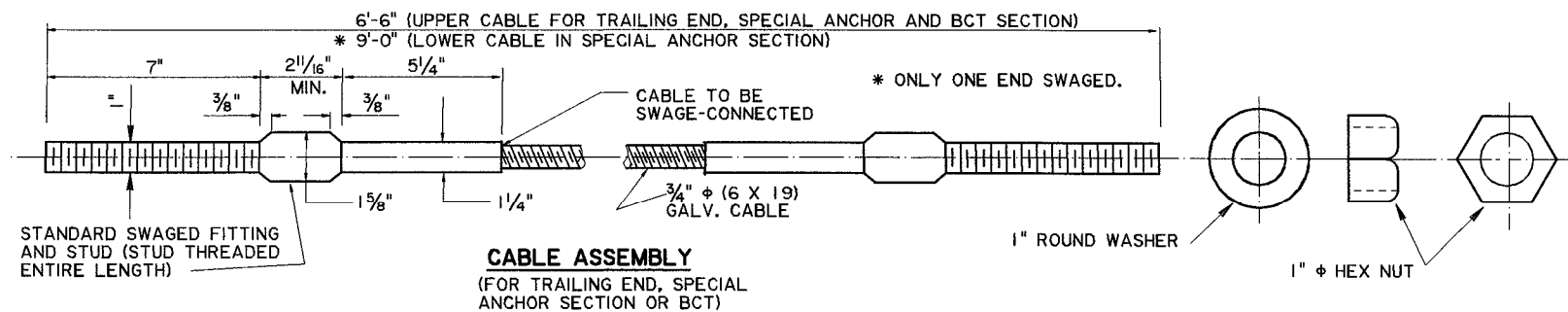
ELEVATION-BRACKET & FITTING

ANCHOR PLATE ASSEMBLY DETAILS

(FOR TRAILING END, SPECIAL ANCHOR SECTION OR BCT)



GUARD RAIL ANCHOR PLATE



CABLE ASSEMBLY

(FOR TRAILING END, SPECIAL ANCHOR SECTION OR BCT)